DOCUMENT RESUME

ED 313 418 TM 014 184

TITLE LIBGIS--Public Library Universe (1981).
INSTITUTION National Center for Education Statistics (ED), Washington, DC.
REPORT NO EF-000087
PUB DATE 81
NOTE 39p.; For the corresponding data file, see TM 014 185.
PUB TYPE Guides - Non-Classroom Use (055) -- Statistical Data (110)

EDRS PRICE MF01/PC02 Plus Postage.
DESCRIPTORS *Databases; *Directories; *Library Surveys; Mail Surveys; *National Surveys; Online Systems; *Public Libraries; Statistical Data
IDENTIFIERS *Public Library Universe

ABSTRACT

Database documentation is provided for users of a data file consisting of a directory of all main public libraries in the United States. The directory development survey began with the mailing of a computer printout containing listings of each state's public libraries to the chief officer of the appropriate state library agency for updating. A computer tape was developed from the responses. Various other updating measures were taken, and the updated 1981 file was compared to the 1977 Public Library Universe to allow further adjustments. Significant variables include name, address, population served, and the name of the chief state library officer. Each record in the data file describes one library or the chief state library officer. The database documentation includes a survey summary, file description, record layout charts, data element descriptions, an outline of the survey methodology, a list of state codes, code identifications, and several frequency tables. (TJH)

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LIBGIS - PUBLIC LIBRARY UNIVERSE - 1981

TM011184

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EF 000 087

DATA BASE DOCUMENTATION
(Authority: Public Law 93-502, Section 552)

(Reserve)

PART I - SURVEY SUMMARY

A. TITLE

LIBGIS - Public Library Universe - 1981

B. DESCRIPTION

The primary purpose of this project is to compile a Directory of all Main public libraries in the United States. Significant variables include, name, address, population served, and the name of the Chief State Library Officer. (Branches of the main Public libraries are not included in this survey).

C. SURVEY METHODOLOGY See Attachment "A"

1. UNIVERSE OR SAMPLE	2. RESPONDENTS	
Universe of the 50 States and the District of Columbia	State Library Agencies	
3. DATE OF COVERAGE	4. FREQUENCY OF SURVEY	5. RESPONSE RATE
1981	Approximately every fourth year	100%

6. HIGHLIGHTS

Each record describes one library or the Chief State Library Officer

D. RELATED STUDIES

1. SURVEYS

1977
1974

2. PUBLICATIONS

Statistics of Public Libraries - 1977
Statistics of Public Libraries - 1974

IF SPONSORING AGENCY IS NOT NCES *(Specify)*

TM014184

DATA BASE DOCUMENTATION

(Name)

PART II —FILE DESCRIPTION

A. TITLE

LIBIGIS - Public Library Universe - 1981

B. FILE NAME

NCES.XEENTC.LIB.UNIVERSE.A1981.RAW31

C. TAPE SERIAL NUMBER

E00009

D. TAPE STATUS

FINAL

E. STANDARD TAPE SPECIFICATIONS

1. NUMBER OF TRACKS	2. DENSITY
-	6250 BPI
3. PARITY	**4. LABEL(S)**
ODD	STANDARD

5. CODE CONVENTION

EBCDIC

F. FILE DIMENSIONS

1. RECORD LENGTH	2. RECORD FORMAT
172	FIXED BLOCK
3. BLOCKING FACTOR	**4. MAXIMUM BLOCK SIZE**
54	9,288

5. RECORD COUNT

8,611

G. SEQUENCE

1. State code
2. Library Identification

DATA BASE DOCUMENTATION	(Reserved)

PART II —FILE DESCRIPTION

A. TITLE

LIBGIS - Public Library Universe - 1981

B. FILE NAME

NCES.XEENTC.LIB.UNIVERSE.S1981.LIB81.SAS

C. TAPE SERIAL NUMBER

E22603

D. TAPE STATUS

FINAL

E. STANDARD TAPE SPECIFICATIONS

1. NUMBER OF TRACKS	2. DENSITY
-	6250 BPI
3. PARITY	**4. LABEL(S)**
ODD	STANDARD

5. CODE CONVENTION

SAS SYSTEM SPECIFICATIONS

F. FILE DIMENSIONS

1. RECORD LENGTH	2. RECORD FORMAT
184	FIXED BLOCK
3. BLOCKING FACTOR	**4. MAXIMUM BLOCK SIZE**
178	32,756

5. RECORD COUNT

8611

G. SEQUENCE

1. State code
2. Library Identification

Department o
National Center for E
Part III - Reco

TITLE: PUBLIC LIBRARY UNIVERSE 1981

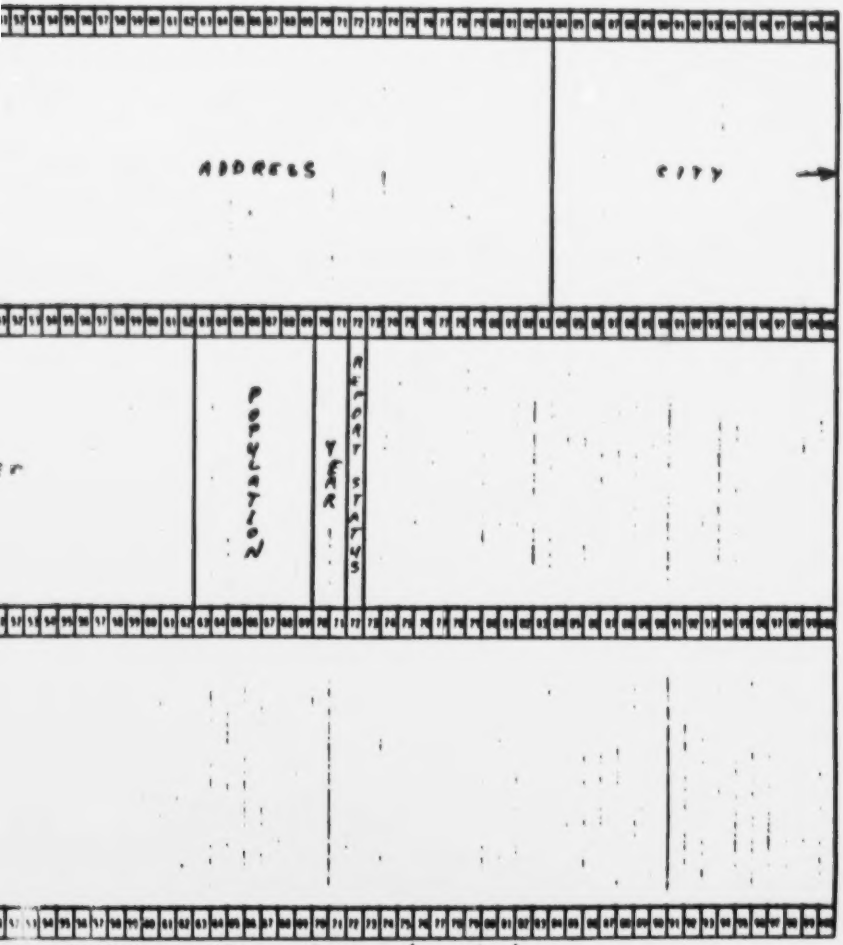
FILE NAME: NCES.IEENTC.LIB.UNIVERSE.A1981.RAW31

DCB = (RECFM=FB, LRECL=172, BLKSIZE=9,288) CATLG

STATE CODE	LIBRARY CODE	POSTAL CODE	SASA	BRANCH CODE	CENTRAL CITY CODE	NAME
CITY (CONT'D)	STATE	ZIP	LIBRARY SYST

f Education
ducation Statistics
ord Layout

DATA ELEMENT TYPE STANDARDS
AN = Alphanumeric, Left Justified, Space Filled.
N = Numeric Display, Right Justified, Leading Zeros.



DATA BASE DOCUMENTATION

AN
N

PART IV – DATA ELE

TITLE

LIBGIS - Public Library Universe - 1981

DATA FIELD NAME (a)	DATA ELEMENT TYPE (b)	RECORD POSITION (from-to) (c)	NUMBER OF POSITIONS (d)	
STATE CODE	N	001-002	2	
LIBRARY CODE	N	003-006	4	
POPULATION CODE	N	007-007	1	
SMSA	N	008-011	4	
BRANCH CODE	AN	012-012	1	
CENTRAL CITY CODE	N	013-013	1	
NAME	AN	014-048	35	
ADDRESS	AN	049-083	35	
CITY	AN	084-108	25	
STATE	AN	109-123	15	
ZIP	N	124-128	5	
LIBRARY SYSTEM	AN	129-162	34	

NCES FORM 2411, 6/80

LEGEND DA - ELEMENT TYPE STANDARDS - Alphanumeric, left justified, space filled - Numeric display, right justified, leading zeros	(Reserve)

MENT DESCRIPTION

	FILE NAME
SOURCE LOCATION (e)	DESCRIPTION (f)
	OE State Code 10-60. (See attachment "B")
	Library code unique within state.
	Population Served code. (See attachment "C")
	Standard Metropolitan Statistical Area Code.
	Branch Indicator. (See attachment "C")
	Central city place description code. (See attachment "C")
	Library or CSLO* Name.
	Library of CSLO* Street Address or P.O. Box number
	Library or CSLO* City Name.
	Library of CSLO* State Name.
	Library or CSLO* Zip Code.
	Nonconsolidated Public Library System Affiliation Name or CSLO* Location.

DATA BASE DOCUMENTATION

PART IV – DATA ELE

TITLE

LIBGIS – PUBLIC LIBRARY UNIVERSE – 1981

DATA FIELD NAME (a)	DATA ELEMENT TYPE (b)	RECORD POSITION (from-to) (c)	NUMBER OF POSITIONS (d)	
POPULATION	N	163-169	7	
YEAR	N	170-171	2	
REPORT STATUS	N	172-172	1	

NCES FORM 2411, 6/80

LEGEND
DATA ELEMENT TYPE STANDARDS

- Alphanumeric, left justified, space filled

- Numeric display, right justified, leading zeros

(Reserve)

MENT DESCRIPTION

FILE NAME

SOURCE LOCATION	DESCRIPTION
(1)	(2)
	Population Served.
	Survey Year.
	Report Status Flag (usually zero)
	* Chief State Library Officer (CSLO)

LIBGIS - Public Library Universe - 1981

Survey Methodology

1. A computer printout of each States public libraries was sent to the Chief Officers of the respective State Library Agencies for updating by personnel of the State Library Agencies.

2. The changes indicated on the printouts were keyed onto tapes/disks.

3. Deletions and additions were transcribed to a form suitable to be keyed from, and were keyed to tapes/disks.

4. The keyed data was printed and visually verified.

5. Corrections to detected keying errors were keyed, placed on tapes/disks, printed and reviewed for accuracy.

6. The additions, changes and deletions were applied to the Universe from the previous survey.

7. The SMSA's and the Central City Place Description recode (CYCD) were updated/developed using (a) the tape version of the fourth update of the FIPS Publication 55 - (Codes for Named Populated Places, Primary County Divisions and other Locational Entities of the U.S.) and (b) a list from the Statistical Reporter entitled "Titles and Definitions of the Standard Metropolitan Statistical Areas".

8. The updated 1981 file was compared to the 1977 Public Library Universe and the differences found in the SMSA's and CYCD were evaluated and adjusted as required.

ATTACHMENT "A"

LIBGIS - Public Library Universe - 1981

STATE CODES

OE STATE CODES

10 = ALABAMA
11 = ALASKA
12 = ARIZONA
13 = ARKANSAS
14 = CALIFORNIA
15 = COLORADO
16 = CONNECTICUT
17 = DELAWARE
18 = DISTRICT OF COLUMBIA
19 = FLORIDA
20 = GEORGIA
21 = HAWAII
22 = IDAHO
23 = ILLINOIS
24 = INDIANA
25 = IOWA
26 = KANSAS
27 = KENTUCKY
28 = LOUISIANA
29 = MAINE
30 = MARYLAND
31 = MASSACHUSETTS
32 = MICHIGAN
33 = MINNESOTA
34 = MISSISSIPPI
35 = MISSOURI
36 = MONTANA
37 = NEBRASKA
38 = NEVADA
39 = NEW HAMPSHIRE
40 = NEW JERSEY
41 = NEW MEXICO
42 = NEW YORK
43 = NORTH CAROLINA
44 = NORTH DAKOTA
45 = OHIO
46 = OKLAHOMA
47 = OREGON
48 = PENNSYLVANIA
49 = RHODE ISLAND
50 = SOUTH CAROLINA
51 = SOUTH DAKOTA
52 = TENNESSEE
53 = TEXAS
54 = UTAH
55 = VERMONT
56 = VIRGINIA
57 = WASHINGTON
58 = WEST VIRGINIA
59 = WISCONSIN
60 = WYOMING

ATTACHMENT "B"

LIBGIS - PUBLIC LIBRARY UNIVERSE - 1981

CODE IDENTIFICATION

Population Served Code:

1 =	1 -	9,999
2 =	10,000 -	24,999
3 =	25,000 -	49,999
4 =	50,000 -	99,999
5 =	100,000 -	249,999
6 =	250,000 -	499,999
7 =	500,000 -	999,999
8 =	1,000,000	and above

Branch Indicator

0 = Main Library
2 = Chief State Library Officer (CSLO)

Central City Place Description Code:

1 = Within SMSA, Central City
2 = Within SMSA, Other than Central City
3 = Other than SMSA
(blank) = Chief State Library Officer

NOTE A: One way to select only records about the Chief State Library Officers is to use the following SAS coding: IF BRCD=2;

NOTE B: One must exclude records about the Chief State Library Officers when making counts of libraries etc. To do that use the following SAS coding: IF BRCD NE 2;

ATTACHMENT "C"

NUMBER OF LIBRARIES WITHOUT STREET ADDRESSES AND/OR LIBRARY SYSTEM NAMES, BY STATE

STATE NAME	ADDRESS	LIBRARY SYSTEM NAME	STATE NAME	ADDRESS	LIBRARY SYSTEM NAME
ALABAMA	3	124	MONTANA	81	0
ALASKA	5	52	NEBRASKA	43	288
ARIZONA	10	5	NEVADA	0	17
ARKANSAS	1	39	NEW HAMPSHIRE	78	87
CALIFORNIA	0	12	NEW JERSEY	0	1
COLORADO	9	0	NEW MEXICO	0	43
CONNECTICUT	31	26	NEW YORK	27	10
DELAWARE	2	27	NORTH CAROLINA	0	103
D. C.	0	1	NORTH DAKOTA	63	76
FLORIDA	1	143	OHIO	0	249
GEORGIA	0	50	OKLAHOMA	5	121
HAWAII	0	1	OREGON	6	71
IDAHO	31	107	PENNSYLVANIA	2	0
ILLINOIS	8	2	RHODE ISLAND	1	3
INDIANA	1	18	SOUTH CAROLINA	1	40
IOWA	343	1	SOUTH DAKOTA	36	117
KANSAS	58	12	TENNESSEE	40	3
KENTUCKY	2	0	TEXAS	2	121
LOUISIANA	0	34	UTAH	0	48
MAINE	206	223	VERMONT	97	204
MARYLAND	0	24	VIRGINIA	8	92
MASSACHUSETTS	34	2	WASHINGTON	2	76
MICHIGAN	3	365	WEST VIRGINIA	1	2
MINNESOTA	23	34	WISCONSIN	16	14
MISSISSIPPI	7	43	WYOMING	15	23
MISSOURI	16	114			
			TOTALS	*1322	**3188

NOTE *: STREET ADDRESSES FOR THESE LIBRARIES ARE NOT REPORTED BECAUSE THEY ARE WELL KNOWN IN THEIR COMMUNITIES.

NOTE **: MANY LIBRARIES ARE NOT PART OF LIBRARY SYSTEMS AND CONSEQUENTLY THEY DO NOT REPORT THIS DATUM.

ATTACHMENT "D"

SAS

CONTENTS PR

PHYSICAL CHARACTERISTI

DSNAME=NCES.KEENTC.LIB.UNIVERSE.S1981.LIB81.SAS UNIT=3400-5 VOL=SE

FILE SEQUENCE=1 CREATED TUESDAY, SEPTEMBER 13, 1983

ICE RE

:8 (F OS DATA SET

I=F22603 DISP=SHR DEVICE=3400 TAPE DENSITY=6250 BPI

SAS

CONTENTS OF SAS DATA S

TAPE FORMAT DATA SET CREATED BY OS JOB XEENTCRD ON CPUID 00-0168-0010

BY SAS RELEASE 82.3 DSNAME=CES.XEENTC.LIB.UNIVERSE.S1981.LIB81.SAS R

LIST OF VARIABLES BY

#	VARIABLE	TYPE	LENGTH	POSITION	FORMAT	INFO
1	STCODE	NUM	2	4		
2	ID	NUM	6	6		
3	PUP	NUM	6	12		
4	PUPCODE	NUM	2	18		
5	RRCD	NUM	2	20		
6	SURVYR	NUM	2	22		
7	REPSTAT	NUM	2	24		
8	SMSA	NUM	4	26		
9	LIBCODE	NUM	8	30		
10	ZIP	NUM	5	38		
11	CYCD	CHAR	1	39		
12	NAME	CHAR	35	40		
13	ADDR	CHAR	35	75		
14	CITY	CHAR	25	110		
15	STATE	CHAR	15	135		
16	LIBSYS	CHAR	38	150		

ALPHABETIC LIST OF

#	VARIABLE	TYPE	LENGTH	POSITION	FORMAT	INFO
13	ADDR	CHAR	35	75		
5	RRCD	NUM	2	20		
14	CITY	CHAR	25	110		
11	CYCD	CHAR	1	39		
2	ID	NUM	6	6		
9	LIBCODE	NUM	8	30		
16	LIBSYS	CHAR	38	150		
12	NAME	CHAR	35	40		
3	PUP	NUM	6	12		
4	PUPCODE	NUM	2	18		
7	REPSTAT	NUM	2	24		
8	SMSA	NUM	4	26		
15	STATE	CHAR	15	135		
1	STCODE	NUM	2	4		
6	SURVYR	NUM	2	22		
10	ZIP	NUM	5	38		

```
+------------------------------ SOURCE STATEME
|DATA OUT.LIB81;
|  SET IN.LIB81;
+-----------------------------------------------
```

```
ET IN.LIBAI

09  AT 12:48 TUESDAY, SEPTEMBER 13, 1983

LRSIZE=32756  LRECL=184  GENERATED BY DATA

 POSITION

RMAT  LABEL

      OF STATE CODE 10-60
      IDENTIFICATION
      POPULATION SERVED
      POPULATION SERVED CODE
      BRANCH INDICATOR
      YEAR OF THE SURVEY
      REPORT STATUS FLAG
      STANDARD METROPOLITAN STATISTICAL AREA
      LIBRARY CODE UNIQUE WITHIN STATE
      ZIP CODE
      CENTRAL CITY PLACE DESCRIPTION CODE
      LIBRARY/CHIEF ST. LIBRARY OFFICER NAME
      STREET ADDRESS OR P.O. BOX NUMBER
      PLACE NAME
      STATE NAME
      NONCONSOLIDATED PUB LIB SYSTEM AFFILIATN

VARIABLES

RMAT  LABEL

      STREET ADDRESS OR P.O. BOX NUMBER
      BRANCH INDICATOR
      PLACE NAME
      CENTRAL CITY PLACE DESCRIPTION CODE
      IDENTIFICATION
      LIBRARY CODE UNIQUE WITHIN STATE
      NONCONSOLIDATED PUB LIB SYSTEM AFFILIATN
      LIBRARY/CHIEF ST. LIBRARY OFFICER NAME
      POPULATION SERVED
      POPULATION SERVED CODE
      REPORT STATUS FLAG
      STANDARD METROPOLITAN STATISTICAL AREA
      STATE NAME
      OF STATE CODE 10-60
      YEAR OF THE SURVEY
      ZIP CODE

NTS ----------+
                    00000010!
                    00000020!
--------------------------+
```

NE STATE CODE 10-60

STCOOP	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
10	182	182	2.126	2.126
11	54	236	0.631	2.757
12	118	354	1.379	4.136
13	41	395	0.479	4.614
14	167	562	1.951	6.565
15	113	675	1.320	7.886
16	188	863	2.196	10.082
17	27	890	0.315	10.397
18	1	891	0.012	10.409
19	183	1038	1.671	12.079
20	50	1088	0.588	12.668
21	1	1085	0.012	12.675
22	110	1195	1.285	13.960
23	574	1769	6.706	20.666
24	239	2008	2.792	23.458
25	505	2513	5.900	29.357
26	311	2828	3.633	32.991
27	114	2938	1.332	34.322
28	68	3002	0.788	35.070
29	223	3225	2.605	37.675
30	24	3249	0.280	37.956
31	381	3630	4.451	42.407
32	365	3995	4.264	46.671
33	130	4125	1.519	48.189
34	44	4169	0.514	48.703
35	129	4298	1.507	50.210
36	81	4379	0.946	51.157
37	248	4627	2.897	54.054
38	17	4644	0.199	54.252
39	231	4875	2.699	56.951
40	313	5188	3.657	60.607
41	43	5231	0.502	61.110
42	701	5932	8.189	69.299
43	103	6035	1.203	70.502
44	76	6111	0.888	71.390
45	249	6360	2.909	74.299
46	121	6481	1.414	75.713
47	107	6588	1.250	76.963
48	440	7028	5.140	82.103
49	45	7073	0.526	82.629
50	40	7113	0.467	83.096
51	117	7230	1.367	84.463
52	91	7321	1.063	85.526
53	449	7770	5.245	90.771
54	48	7818	0.561	91.332
55	208	8022	2.383	93.715
56	92	8114	1.075	94.790
57	76	8190	0.888	95.678
58	20	8210	0.280	95.958
59	323	8533	3.771	99.731
60	23	8560	0.269	100.000

POPULATION SERVED CODE

POPCODE	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	5467	5467	63.867	63.867
2	1440	6907	16.822	80.689
3	774	7681	9.042	89.731
4	483	8164	5.643	95.374
5	257	8421	3.002	98.376
6	76	8497	0.888	99.264
7	47	8544	0.549	99.813
8	16	8560	0.187	100.000

BRANCH INDICATOR

BRCD	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	8560	8560	100.000	100.000

CENTRAL CITY PLACE DESCRIPTION CODE

CTCD	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	433	433	5.058	5.058
2	2982	3415	34.836	39.895
3	5145	8560	60.105	100.000

NUMBER OF LIBRARIES IN 1981

TABLE OF STCOD

STCODE OE STATE CODE 10-60 PUPCODE PUPUL

FREQUENCY / PERCENT / ROW PCT / COL PCT	1	2	3	4
10	126	24	12	8
	1.47	0.28	0.14	0.09
	69.23	13.19	6.59	4.40
	2.38	1.67	1.55	1.66
11	50	2	0	1
	0.58	0.02	0.00	0.01
	92.59	3.70	0.00	1.85
	0.91	0.14	0.00	0.21
12	91	9	5	8
	1.06	0.11	0.06	0.09
	77.12	7.63	4.24	6.78
	1.66	0.63	0.65	1.66
13	4	15	4	12
	0.05	0.18	0.05	0.14
	9.76	36.59	9.76	29.27
	0.07	1.04	0.52	2.48
14	13	36	33	41
	0.15	0.42	0.39	0.48
	7.78	21.56	19.76	24.55
	0.24	2.50	4.26	8.49
15	79	13	7	6
	0.92	0.15	0.08	0.07
	69.91	11.50	6.19	5.31
	1.45	0.90	0.90	1.24
16	92	57	17	17
	1.07	0.67	0.20	0.20
	48.94	30.32	9.04	9.04
	1.68	3.96	2.20	3.52
17	13	7	2	5
	0.15	0.08	0.02	0.06
	48.15	25.93	7.41	18.52
	0.24	0.49	0.26	1.04
18	0	0	0	0
	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00
TOTAL	5467	1440	774	483
	63.87	16.82	9.04	5.64

(CONTINUED)

E BY PUPCODE

ATION SERVED CODE

5	6	7	8	TOTAL
9	2	1	0	182
0.11	0.02	0.01	0.00	2.13
4.95	1.18	0.55	0.00	
3.50	2.63	2.13	0.00	
1	0	0	0	54
0.01	0.00	0.00	0.00	0.63
1.85	0.00	0.00	0.00	
0.39	0.00	0.00	0.00	
2	0	2	1	118
0.02	0.00	0.02	0.01	1.38
1.69	0.00	1.69	0.85	
0.78	0.00	4.26	6.25	
5	1	0	0	41
0.06	0.01	0.00	0.00	0.48
12.20	2.44	0.00	0.00	
1.95	1.32	0.00	0.00	
23	9	10	2	167
0.27	0.11	0.12	0.02	1.95
13.77	5.39	5.99	1.20	
8.95	11.84	21.28	12.50	
5	2	1	0	113
0.06	0.02	0.01	0.00	1.32
4.42	1.77	0.88	0.00	
1.95	2.63	2.13	0.00	
5	0	0	0	188
0.06	0.00	0.00	0.00	2.20
2.66	0.00	0.00	0.00	
1.95	0.00	0.00	0.00	
0	0	0	0	27
0.00	0.00	0.00	0.00	0.32
0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	
0	0	1	0	1
0.00	0.00	0.01	0.00	0.01
0.00	0.00	100.00	0.00	
0.00	0.00	2.13	0.00	
257	76	47	16	8568
3.00	0.89	0.55	0.19	100.00

NUMBER OF LIBRARIES IN 1981 LI

TABLE OF STCODE B

STCODE BY STATE CODE 10-60 POPCODE POPULATI

FREQUENCY / PERCENT / ROW PCT / COL PCT	1	2	3	4	
19	51	26	22	16	
	0.60	0.30	0.26	0.19	0.
	35.66	18.18	15.38	11.19	8.
	0.93	1.81	2.88	3.31	0.
20	0	10	8	18	
	0.00	0.12	0.09	0.21	0.
	0.00	20.00	16.00	36.00	20.
	0.00	0.69	1.03	3.73	0.
21	0	0	0	0	
	0.00	0.00	0.00	0.00	0.
	0.00	0.00	0.00	0.00	0.
	0.00	0.00	0.00	0.00	0.
22	97	6	8	0	
	1.13	0.07	0.07	0.00	0.
	88.18	5.45	5.45	0.00	0.
	1.77	0.42	0.78	0.00	0.
23	389	112	51	18	
	8.58	1.31	0.60	0.21	0.
	67.77	19.51	8.89	3.14	0.
	7.12	7.78	6.59	3.73	1.
24	188	88	28	13	
	1.73	0.96	0.23	0.15	0.
	61.92	28.88	8.37	5.48	3.
	2.71	3.33	2.58	2.69	3.
25	473	13	11	5	
	5.53	0.15	0.13	0.06	0.
	93.66	2.57	2.18	0.99	0.
	8.65	0.98	1.42	1.04	1.
26	288	28	6	1	
	3.27	0.23	0.07	0.01	0.
	88.83	6.43	1.93	0.32	0.
	5.12	1.39	0.78	0.21	1.
27	23	92	27	8	
	0.27	0.81	0.32	0.11	0.
	28.18	85.81	23.68	7.89	1.
	0.42	3.81	3.89	1.86	0.
TOTAL	5867	1888	778	483	
	63.87	18.82	8.88	5.88	3.

(CONTINUED)

/ POPCODE

IN SERVED CODE

S	6	7	8	TOTAL
12	8	3	5	183
.18	0.09	0.06	0.06	1.67
.39	5.59	2.10	3.50	
.67	10.53	6.39	31.25	
12	1	1	0	58
.18	0.01	0.01	0.00	0.58
.00	2.00	2.00	0.00	
.67	1.32	2.13	0.00	
0	0	1	0	1
.00	0.00	0.01	0.00	0.01
.00	0.00	100.00	0.00	
.00	0.00	2.13	0.00	
1	0	0	0	110
.01	0.00	0.00	0.00	1.29
.91	0.00	0.00	0.00	
.39	0.00	0.00	0.00	
3	0	0	1	574
.00	0.00	0.00	0.01	6.71
.52	0.00	0.00	0.17	
.17	0.00	0.00	6.25	
8	1	1	0	239
.09	0.01	0.01	0.00	2.79
.35	0.02	0.02	0.00	
.11	1.32	2.13	0.00	
3	0	0	0	505
.00	0.00	0.00	0.00	5.90
.59	0.00	0.00	0.00	
.17	0.00	0.00	0.00	
3	1	0	0	311
.00	0.01	0.00	0.00	3.63
.96	0.32	0.00	0.00	
.17	1.32	0.00	0.00	
2	0	1	0	118
.02	0.00	0.01	0.00	1.38
.75	0.00	0.00	0.00	
.78	0.00	2.13	0.00	
857	76	87	16	8560
.00	0.89	0.99	0.19	100.00

NUMBER OF LIBRARIES IN 1981

TABLE OF BTCODE

BTCODE BY STATE CODE 10-60 POPCODE POPULA

FREQUENCY / PERCENT / ROW PCT / COL PCT	1	2	3	4
28	2	23	19	11
	0.02	0.27	0.22	0.13
	3.13	35.94	29.69	17.19
	0.04	1.60	2.45	2.28
29	202	18	2	1
	2.36	0.21	0.02	0.01
	90.58	8.07	0.90	0.45
	3.69	1.25	0.26	0.21
30	0	3	6	6
	0.00	0.04	0.07	0.07
	0.00	12.50	25.00	25.00
	0.00	0.21	0.78	1.24
31	205	103	52	18
	2.39	1.20	0.61	0.21
	53.81	27.03	13.65	4.72
	3.75	7.15	6.72	3.73
32	218	77	32	18
	2.55	0.90	0.37	0.21
	59.73	21.10	8.77	4.93
	3.99	5.35	4.13	3.73
33	82	28	10	6
	0.96	0.23	0.12	0.07
	63.08	15.38	7.69	4.62
	1.50	1.39	1.29	1.24
34	3	9	12	15
	0.04	0.11	0.14	0.18
	6.82	20.45	27.27	34.09
	0.05	0.63	1.55	3.11
35	78	24	19	6
	0.86	0.28	0.22	0.07
	57.36	18.60	14.73	4.65
	1.35	1.67	2.45	1.24
36	62	13	2	3
	0.72	0.15	0.02	0.04
	76.54	16.05	2.47	3.70
	1.13	0.90	0.26	0.62
TOTAL	5467	1440	778	483
	63.87	16.82	9.08	5.64

(CONTINUED)

BY PIPECIDE

ION SERVED CODE

5	6	7	8	TOTAL
5	3	1	0	64
0.04	0.00	0.01	0.00	0.75
7.81	4.69	1.56	0.00	
1.99	3.99	2.13	0.00	
0	0	0	0	223
0.00	0.00	0.00	0.00	2.61
0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	
0	1	0	0	20
0.00	0.01	0.00	0.00	0.23
16.67	8.17	16.67	0.00	
1.56	1.32	0.53	0.00	
2	0	1	0	381
0.02	0.00	0.01	0.00	4.45
0.52	0.00	0.26	0.00	
0.78	0.00	2.13	0.00	
16	2	1	1	365
0.19	0.02	0.01	0.01	4.26
4.38	0.55	0.27	0.27	
6.23	2.63	2.13	6.25	
8	3	1	0	130
0.09	0.04	0.01	0.00	1.52
6.15	2.31	0.77	0.00	
3.11	3.95	2.13	0.00	
4	1	0	0	44
0.05	0.01	0.00	0.00	0.51
9.09	2.27	0.00	0.00	
1.56	1.32	0.00	0.00	
2	2	2	0	129
0.02	0.02	0.02	0.00	1.51
1.55	1.55	1.55	0.00	
0.78	2.63	0.26	0.00	
1	0	0	0	81
0.01	0.00	0.00	0.00	0.95
1.23	0.00	0.00	0.00	
0.39	0.00	0.00	0.00	
257	76	47	16	8568
3.00	0.89	0.55	0.19	100.00

NUMBER OF LIBRARIES IN 1981 LIB

TABLE OF STCOME BY

STCOME ME STATE CONF 10-69 PUPCODE PUPULATIO

FREQUENCY / PERCENT / ROW PCT / COL PCT	1	2	3	4	
37	233	7	6	0	
	2.72	0.08	0.07	0.00	0.
	91.99	2.82	2.42	0.00	0.
	4.26	0.99	0.78	0.00	0.
38	8	5	2	0	
	0.09	0.06	0.02	0.00	0.
	47.06	29.41	11.76	0.00	5.
	0.15	0.35	0.26	0.00	0.
39	288	19	2	2	
	2.65	0.22	0.02	0.02	0.
	90.00	5.23	0.67	0.67	0.
	5.00	1.32	0.26	0.41	0.
40	133	103	43	19	
	1.55	1.20	0.50	0.22	0.
	42.09	32.91	13.74	6.07	3.
	2.43	7.15	5.56	3.93	4.
41	28	7	5	2	
	0.33	0.08	0.06	0.02	0.
	65.12	16.28	11.63	4.65	0.
	0.51	0.49	0.65	0.41	0.
42	501	108	60	20	
	5.85	1.26	0.70	0.23	0.
	71.47	15.41	8.56	2.85	0.
	9.16	7.50	7.75	4.10	2.
43	38	9	15	26	
	0.41	0.11	0.18	0.30	0.
	33.98	8.74	14.56	25.24	14.
	0.69	0.63	1.94	5.38	5.
44	68	6	3	3	
	0.79	0.07	0.04	0.04	0.
	88.31	7.79	3.90	3.90	0.
	1.17	0.42	0.39	0.62	0.
45	129	41	38	32	
	1.66	0.48	0.49	0.37	0.
	59.26	18.87	17.69	12.85	3.
	2.29	2.85	4.39	6.63	3.
TOTAL	5067	1440	778	483	
	63.87	18.82	9.80	5.84	3.

CONTINUED

POPCODE

SERVED CODE

	1	0	0	248
	0.01	0.00	0.00	2.90
	0.00	0.00	0.00	
	1.32	0.00	0.00	
	1	0	0	17
	0.01	0.00	0.00	0.20
	0.00	0.00	0.00	
	1.32	0.00	0.00	
	0	0	0	231
	0.00	0.00	0.00	2.70
	0.00	0.00	0.00	
	0.00	0.00	0.00	
	4	0	0	313
	0.05	0.00	0.00	3.66
	1.28	0.00	0.00	
	5.26	0.00	0.00	
	1	0	0	43
	0.01	0.00	0.00	0.50
	2.33	0.00	0.00	
	1.32	0.00	0.00	
	2	0	0	781
	0.02	0.00	0.05	9.14
	0.29	0.00	0.57	
	2.63	0.00	25.00	
	3	0	0	103
	0.04	0.00	0.00	1.20
	2.91	0.00	0.00	
	3.95	0.00	0.00	
	0	0	0	76
	0.00	0.00	0.00	0.89
	0.00	0.00	0.00	
	0.00	0.00	0.00	
	4	5	0	249
	0.05	0.06	0.00	2.91
	1.61	2.01	0.00	
	5.26	10.64	0.00	
	76	47	16	8560
	0.89	0.55	0.19	100.00

NUMBER OF LIBRARIES IN 1981 (

TABLE OF STEINE

STEINE	OF STATE CODE 10-60	PUPILINE	PUPILA
PERFORMANCE PERCENT ROW PCT COL PCT	1	2	3	4
86	92 1.07 76.03 1.68	18 0.16 11.57 0.97	6 0.07 4.96 0.78	6 0.05 3.31 0.83
87	78 0.87 65.02 1.28	18 0.21 16.82 1.25	6 0.07 5.61 0.78	6 0.07 5.61 1.24
88	231 2.78 92.58 4.23	119 1.39 27.85 8.26	53 0.62 12.85 6.85	22 0.26 5.00 4.55
89	10 0.01 66.66 0.11	16 0.19 35.56 1.11	7 0.08 15.56 0.90	3 0.04 6.67 0.62
90	1 0.01 2.50 0.02	8 0.05 10.00 0.28	15 0.18 37.50 1.90	10 0.12 25.00 2.07
91	102 1.19 87.18 1.87	11 0.13 9.40 0.76	3 0.04 2.56 0.39	1 0.01 0.85 0.21
92	15 0.18 16.48 0.27	31 0.36 34.07 2.15	25 0.29 27.47 3.23	14 0.16 15.38 2.90
93	262 3.06 90.35 4.79	93 1.09 20.71 6.46	58 0.68 11.10 6.66	18 0.21 6.01 3.73
94	29 0.34 60.42 0.53	11 0.13 22.92 0.76	3 0.04 6.25 0.39	1 0.01 2.08 0.21
TOTAL	5467 63.87	1440 16.82	774 9.04	483 5.64

(CONTINUED)

BY PUPCODE

TION SERVE CODE

5	6	7	8	TOTAL
3	1	1	0	121
0.04	0.01	0.01	0.00	1.41
2.48	0.83	0.83	0.00	
1.17	1.32	2.13	0.00	
5	1	1	0	107
0.06	0.01	0.01	0.00	1.25
4.67	0.93	0.93	0.00	
1.95	1.32	2.13	0.00	
10	3	1	1	800
0.12	0.04	0.01	0.01	9.34
2.27	0.68	0.23	0.23	
3.89	3.95	2.13	6.25	
1	0	0	0	85
0.01	0.00	0.00	0.00	0.99
2.22	0.00	0.00	0.00	
0.39	0.00	0.00	0.00	
7	3	0	0	80
0.08	0.04	0.00	0.00	0.87
17.50	7.50	0.00	0.00	
2.72	3.95	0.00	0.00	
0	0	0	0	117
0.00	0.00	0.00	0.00	1.37
0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	
7	3	1	0	91
0.82	0.00	0.01	0.00	1.06
2.28	3.30	1.10	0.00	
0.78	3.95	2.13	0.00	
10	8	3	1	449
0.21	0.09	0.04	0.01	5.25
4.11	0.89	0.67	0.22	
7.80	5.26	6.38	6.25	
3	1	0	0	48
0.04	0.01	0.00	0.00	0.56
6.25	2.08	0.00	0.00	
1.17	1.32	0.00	0.00	
257	76	47	16	8560
3.00	0.89	0.55	0.19	100.00

TABLE OF STCODE

STCODE	FR STATE CODE 10-40	PUPCODE	PUPILAT
FREQUENCY PERCENT ROW PCT COL PCT	1	2	3	4
99	198 2.27 95.19 3.59	9 0.11 4.81 0.63	1 0.01 0.49 0.13	0 0.00 0.00 0.00
96	21 0.25 77.83 0.38	19 0.22 20.65 1.32	21 0.25 22.83 2.71	18 0.16 19.22 2.98
97	89 0.53 99.21 0.82	9 0.11 11.98 0.63	6 0.07 7.89 0.78	3 0.06 3.95 0.62
98	0 0.00 0.00 0.00	3 0.04 12.50 0.21	4 0.05 16.67 0.52	12 0.18 50.00 2.00
99	267 3.12 82.66 4.82	29 0.34 8.98 2.01	15 0.18 4.64 1.94	7 0.08 2.17 1.16
60	0 0.00 10.78 0.19	9 0.11 39.13 0.63	4 0.05 17.39 0.52	2 0.02 8.70 0.31
TOTAL	5967 63.87	1498 16.02	778 8.33	651 6.96

9	6	7	8	TOTAL
0	0	0	0	208
0.00	0.00	0.00	0.00	2.38
0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	
10	2	1	0	92
0.16	0.02	0.01	0.00	1.07
0.22	2.17	1.09	0.00	
0.09	2.63	2.13	0.00	
0	0	1	0	76
0.00	0.00	0.01	0.00	0.89
0.93	0.26	1.32	0.00	
3.11	0.26	2.13	0.00	
0	1	0	0	20
0.00	0.01	0.00	0.00	0.24
0.67	0.17	0.00	0.00	
1.56	1.32	0.00	0.00	
0	0	1	0	329
0.00	0.00	0.01	0.00	3.77
1.28	0.00	0.31	0.00	
1.56	0.00	2.13	0.00	
0	0	0	0	23
0.00	0.00	0.00	0.00	0.27
0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	
297	74	87	16	8560
3.46	0.86	0.99	0.19	100.00

TABLE OF STCODE BY CYED

STCODE UE STATE CODE 10-60 CYED CENTRAL CITY PLACE DESCRIPTION CODE

FREQUENCY / PERCENT / ROW PCT / COL PCT	11	12	13	TOTAL
10	10	68	104	182
	0.12	0.79	1.21	2.13
	5.49	37.36	57.14	
	2.31	2.28	2.02	
11	1	1	52	54
	0.01	0.01	0.61	0.63
	1.85	1.85	96.30	
	0.23	0.03	1.01	
12	4	22	92	118
	0.05	0.26	1.07	1.38
	3.39	18.64	77.97	
	0.92	0.74	1.79	
13	6	6	29	41
	0.07	0.07	0.34	0.48
	14.63	14.63	70.73	
	1.39	0.20	0.56	
14	36	98	33	167
	0.42	1.14	0.39	1.95
	21.56	58.68	19.76	
	8.31	3.29	0.64	
15	7	27	79	113
	0.08	0.32	0.92	1.32
	6.19	23.89	69.91	
	1.62	0.91	1.54	
16	15	102	71	188
	0.18	1.19	0.83	2.20
	7.98	54.26	37.77	
	3.46	3.42	1.38	
17	2	7	18	27
	0.02	0.08	0.21	0.32
	7.41	25.93	66.67	
	0.46	0.23	0.35	
18	1	0	0	1
	0.01	0.00	0.00	0.01
	100.00	0.00	0.00	
	0.23	0.00	0.00	
TOTAL	433	2982	5145	8560
	5.06	34.84	60.11	100.00

TABLE OF BYCODE BY CYCD

BYCODE OR STATE CODE 10-60 / YCD CENTRAL CITY PLACE DESCRIPTION CODE

FREQUENCY / PERCENT / ROW PCT / COL PCT	11	12	13	TOTAL
19	23	82	38	143
	0.27	0.96	0.44	1.67
	16.08	57.34	26.57	
	5.31	2.75	0.74	
20	7	7	36	50
	0.08	0.08	0.42	0.58
	14.00	14.00	72.00	
	1.62	0.23	0.70	
21	1	0	0	1
	0.01	0.00	0.00	0.01
	100.00	0.00	0.00	
	0.23	0.00	0.00	
22	1	8	105	110
	0.01	0.09	1.23	1.29
	0.91	3.64	95.45	
	0.23	0.13	2.04	
23	12	289	273	574
	0.14	3.38	3.19	6.71
	2.09	50.35	47.56	
	2.77	9.69	5.31	
24	14	87	138	239
	0.16	1.02	1.61	2.79
	5.86	36.40	57.74	
	3.23	2.92	2.68	
25	9	44	452	505
	0.11	0.51	5.28	5.90
	1.78	8.71	89.50	
	2.08	1.48	8.79	
26	2	39	270	311
	0.02	0.46	3.15	3.63
	0.64	12.54	86.82	
	0.46	1.31	5.25	
27	5	12	97	114
	0.06	0.14	1.13	1.33
	4.39	10.53	85.09	
	1.15	0.40	1.89	
TOTAL	433	2982	5145	8560
	5.06	34.84	60.11	100.00

TABLE OF BTCODE BY CYED

BTCODE OR STATE CODE 10-60 CYED CENTRAL CITY PLACE DESCRIPTION CODE

FREQUENCY / PERCENT / ROW PCT / COL PCT	11	12	13	TOTAL
28	7	9	48	64
	0.08	0.11	0.56	0.75
	10.94	14.06	75.00	
	1.42	0.30	0.93	
29	6	25	194	225
	0.05	0.29	2.27	2.61
	1.79	11.21	87.00	
	0.92	0.85	3.77	
30	1	9	12	24
	0.04	0.11	0.14	0.28
	12.50	37.50	50.00	
	0.20	0.30	0.23	
31	18	201	186	381
	0.16	2.35	1.98	4.45
	3.67	52.76	43.57	
	3.65	6.78	3.61	
32	15	178	172	365
	0.18	2.08	2.01	4.26
	4.11	48.77	47.12	
	3.04	5.97	3.34	
33	6	38	86	130
	0.07	0.44	1.00	1.52
	4.62	29.23	66.15	
	1.39	1.27	1.67	
34	3	3	38	44
	0.04	0.04	0.44	0.51
	6.82	6.82	86.36	
	0.69	0.10	0.78	
35	7	27	95	129
	0.08	0.32	1.11	1.51
	5.43	20.93	73.64	
	1.62	0.91	1.85	
36	2	3	76	81
	0.02	0.04	0.89	0.95
	2.47	3.70	93.83	
	0.46	0.10	1.48	
TOTAL	433	2982	5185	8600
	5.04	34.68	60.31	100.00

TABLE OF STCMOB BY CYC...

STCMOB OE STATE CODE 10-60 CYCD CENTRAL CITY PLACE DESCRIPTION CODE

FREQUENCY / PERCENT / ROW PCT / COL PCT	11	12	13	TOTAL
37	2	12	238	252
	0.02	0.14	2.73	2.90
	0.81	4.88	94.35	
	0.06	0.08	4.55	
38	2	8	11	17
	0.02	0.09	0.13	0.20
	11.76	23.53	64.71	
	0.06	0.13	0.21	
39	7	35	189	231
	0.08	0.41	2.21	2.70
	3.03	15.15	81.82	
	1.62	1.17	3.67	
40	15	272	26	313
	0.18	3.18	0.30	3.66
	4.79	86.90	8.31	
	3.46	9.12	0.51	
41	3	3	37	43
	0.04	0.04	0.43	0.50
	6.98	6.98	86.05	
	0.69	0.10	0.72	
42	19	395	287	701
	0.22	4.61	3.35	8.19
	2.71	56.35	40.94	
	4.39	13.25	5.58	
43	18	11	74	103
	0.16	0.13	0.89	1.20
	13.59	12.62	73.79	
	3.23	0.48	1.48	
44	3	10	63	76
	0.04	0.12	0.74	0.89
	3.95	13.16	82.89	
	0.69	0.34	1.22	
45	10	137	93	240
	0.22	1.60	1.09	2.91
	7.63	55.02	37.35	
	0.39	4.59	1.81	
TOTAL	433	2982	5145	8560
	5.06	34.84	60.11	100.00

TABLE OF STCIDE BY EYED

STCIDE UR STATE CODE 10-48 EYED CENTRAL CITY PLACE DESCRIPTION CODE

FREQUENCY / PERCENT / ROW PCT / COL PCT	11	12	13	TOTAL
46	8 0.09 3.31 0.92	28 0.28 19.83 0.88	93 1.09 76.86 1.81	121 1.41
47	7 0.08 5.56 1.62	33 0.38 26.66 1.11	87 0.78 69.62 1.38	127 1.29
48	18 0.21 8.09 4.16	277 3.26 62.93 9.26	185 1.69 32.95 3.82	440 5.14
49	8 0.02 8.46 0.46	11 0.16 68.89 1.66	12 0.14 26.67 0.23	85 0.93
50	8 0.07 15.08 1.16	7 0.08 17.58 0.23	27 0.32 67.16 0.52	48 0.47
51	1 0.01 0.85 0.23	8 0.09 1.71 0.27	110 1.33 97.46 2.12	117 1.37
52	9 0.06 9.89 1.16	19 0.22 20.88 0.64	67 0.78 73.63 1.30	91 1.06
53	36 0.42 8.02 8.31	158 1.75 33.91 5.83	263 3.07 58.57 5.11	449 5.29
54	4 0.05 8.33 0.92	11 0.13 22.92 0.37	33 0.39 68.75 0.64	48 0.56
TOTAL	433 5.06	2982 34.88	5185 60.11	8560 100.09

TABLE OF STCODE BY CD

STCODE IF STATE CODE 10-60 CYCD CENTRAL CITY PLACE DESCRIPTION CODE

FREQUENCY / PERCENT / ROW PCT / COL PCT	11	12	13	TOTAL
55	1	19	188	208
	0.01	0.18	2.20	2.38
	0.49	7.35	92.16	
	0.23	0.50	3.65	
56	16	23	53	92
	0.19	0.27	0.62	1.07
	17.39	25.00	57.61	
	3.70	0.77	1.03	
57	11	12	53	76
	0.13	0.14	0.62	0.89
	14.47	15.79	69.74	
	2.54	0.40	1.03	
58	6	4	14	24
	0.07	0.05	0.16	0.28
	25.00	16.67	58.33	
	1.39	0.13	0.27	
59	14	105	204	323
	0.16	1.23	2.38	3.77
	4.33	32.51	63.16	
	3.23	3.52	3.97	
60	1	0	22	23
	0.01	0.00	0.26	0.27
	4.35	0.00	95.65	
	0.23	0.00	0.43	
TOTAL	433	2982	5145	8560
	5.06	34.84	60.11	100.00